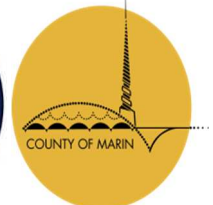


**NAPA-SOLANO-YOLO-MARIN COUNTY
PUBLIC HEALTH LABORATORY**
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Test	<i>Treponema pallidum</i> particle agglutination (TP-PA) diagnostic test for syphilis
Test Description	The TP-PA test is a qualitative agglutination assay for the detection of <i>Treponema pallidum</i> antibodies in human serum or plasma as an aid to the diagnosis of syphilis. The TP-PA test is used to confirm the reactive results of nontreponemal screening tests for syphilis such as the Rapid Plasma Reagin (RPR) test or the Venereal Disease Research Laboratory (VDRL) slide test. The TP-PA can also be used as a diagnostic test for patients with a nonreactive nontreponemal test but with signs or symptoms suggestive of late syphilis.
Acceptable specimens	<ol style="list-style-type: none"> 1. Serum at a volume of 2 mL (5 to 10 mL of blood) in a red top or serum separator tube without anticoagulant (preferred) 2. Plasma at a volume of 2 mL in a blood collection tube with anticoagulant
Timing of specimen collection	A minimum of 4 to 6 weeks after onset of infection or exposure.
Specimen storage	<p><u>Serum specimens:</u> Specimens should be kept refrigerated at 2–8°C for up to 5 days after collection. Specimens that require longer storage must be removed from the red cells and stored at -20°C or below for testing.</p> <p><u>Plasma specimens:</u> Specimens should be kept refrigerated at 2–8°C and tested within 48 hours of collection.</p>
Specimen shipping	<p><u>Serum specimens:</u> Specimens should be shipped refrigerated (2–8°C) and received by the laboratory within 5 days of collection; frozen specimens should be shipped on dry ice.</p> <p><u>Plasma specimens:</u> Specimens should be shipped refrigerated (2–8°C) and received by the laboratory within 48 hours of collection.</p>
CPT code	86780
Test fee	Refer to the posted fee schedule
Result availability (turnaround time)	Results are typically available within 1 week after specimen receipt.